20010325.ba v03_n131.bam.20010325

>From ???@??? Sun Mar 25 10:38:17 2001 -0600
Message-Id: <200103251638.f2PGbv4t012300@sco.theporch.com>
Date: Sun, 25 Mar 2001 10:37:24 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3131

BOATANCHORS Digest 3131

Topics covered in this issue include:

  1) Re: Power factor Correction Capacitors good for HV Power Supply?
     by mblair1@home.net
  2) Ceramic Power Tube
     by k2kl <k2kl@optonline.net>
  3) Re: Power factor Correction Capacitors good for HV Power Supply?
     by Arden Allen <gumbear@pacbell.net>
  4) BOATANCHORS digest 3130
     by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
  5) FS: 400Hz power transformers
     by n6nae@ix.netcom.com
  6) RE: 400Hz power transformers
     by "Ed Sieb" <sieb@sympatico.ca>
  7) Hammarlund Roberts "Hi Q"
     by john <johnmb@mindspring.com>
  8) Re: 400Hz power transformers
     by "Chuck McGregor" <cbmcg@home.com>
  9) RE: 400Hz power transformers
     by "Ed Sieb" <sieb@sympatico.ca>
 10) Re: 400Hz power transformers
     by "Chuck McGregor" <cbmcg@home.com>
 11) BA haunts in or near Salem, MA?
     by "Larry Bearse" <lbearse@mail1.nai.net>
 12) National FSNs
     by "Ed Tanton" <n4xy@att.net>
 13) Historic Group Needed Connectors.
     by arc5@ix.netcom.com
 14) Re: {Collins} Re: [R-390] REF: R-39XX MC & KC knobs & R-391 Pins
     by Dan <hankarn@pacbell.net>
 15) Re: {Collins} Re: [R-390] REF: R-39XX MC & KC knobs & R-391 Pins
     by matt parkinson <mparkinson1@socal.rr.com>
 16) Comics
     by Chuck Swiger <cswiger@widomaker.com>
 17) TV Service
     by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
 18) New CodeBreakers-style book

    by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
 19) Excess "Stuff"
    by Robert Kemp <rkemp@mr.net>
 20) introducing myself
    by Gordon White <gewhite@crosslink.net>
 21) FS: National HRO-50T
    by JONWEINER@aol.com
 22) British Navy Key FS
    by BEN NOCK <G4BXD@compuserve.com>
 23) Re: Best power supply reference?
    by Fred Powell <powellf@earthlink.net>
 24) ARC-5 stuff
    by Gordon White <gewhite@crosslink.net>
 25) Re: ARC-5 stuff
    by Gordon White <gewhite@crosslink.net>
 26) Re: ARC-5 stuff
    by Gordon White <gewhite@crosslink.net>
 27) Re: ARC-5 stuff
    by Gordon White <gewhite@crosslink.net>

Message-Id: <200103231532.HAA04271@cx689895-a.msnv1.occa.home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Power factor Correction Capacitors good for HV Power Supply?
Date: Fri, 23 Mar 2001 07:32:10 -0800
From: mblair1@home.net

jackiv@juno.com wrote:
> You will have no problem with one only, the dc rating is well above
> 1,000
[...]
> On Thu, 22 Mar 2001 10:44:59 -0800 Fred Powell <powellf@earthlink.net>
> writes:
> > I am building an AC power supply for my GRC-9 and am wondering
> > whether I can use these capacitors for the 580 VDC plate supply.
> > They came out of a GE box marked 480V, 60Hz, and 15.0 KVAR. They
> > are GE Z97F8239RR (qty 6) and are marked 29.93 uF, 480VAC
> > DIELEKTROL VI.

Ok, I'm confused now. How do you know that the DC rating is well above
1000 volts? From the part number? The ratings that Fred listed suggest
to me that the cap should be able to withstand about 680 VDC (480 *
sqrt(2)), and that the cap is rated to carry the AC current resulting
from a 15,000 VA reactive load.

In any case, good luck with your Angry 9 supply! I hope you'll paint
it OD and then take pictures for us... :-)

--
Mark J. Blair, KE6MYK <mblair1@home.net>
PGP 2.6.2 public key available from http://www.keyserver.net/
Web page: http://www.qsl.net/ke6myk/
DO NOT SEND ANY UNSOLICITED COMMERCIAL EMAIL TO THIS SITE
PLEASE SEND PLAIN ASCII TEXT ONLY -- NO HTML OR QUOTED-PRINTABLE

Date: Fri, 23 Mar 2001 11:42:46 -0500
From: k2kl <k2kl@optonline.net>
Subject: Ceramic Power Tube
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <4.3.2.7.2.20010323113539.00aac100@mail-hub.optonline.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

Greetings Anchorites!

I have a large ceramic power tube with a Siemens part number (RS-1072C).

Anyone have an idea what the equivalent 3CX- number might be? I haven't a
clue where to look.

Thank you!

73.............Glenn K2KL

Date: Fri, 23 Mar 2001 08:35:39 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: Power factor Correction Capacitors good for HV Power Supply?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GAN001FESTKFM@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Mark;

> ....
> Ok, I'm confused now. How do you know that the DC rating is well above
> 1000 volts? From the part number? The ratings that Fred listed suggest
> to me that the cap should be able to withstand about 680 VDC (480 *
> sqrt(2)), and that the cap is rated to carry the AC current resulting

> from a 15,000 VA reactive load.

Funny thing how capacitor specifications are set. No manufacturer is going to specify a capacitor at XXX volts if he knows that there is a statistically good chance the insulation will punch through at XXX volts + 10%. Variations in manufacturing and materials can be held to +/- 10% but at what cost? There is a point where costs are optimally lowest by doing a certain amount of overdesign. Manufacturing costs have a lot to say about what a capacitor will or won't do. Of course modern technology is more precise and margins can be maintained more tightly with automation but a manufacturer still has to use a certain amount of "windage" for liability protection it seems to me. My humble (or arrogant) opinion is that applying a 2X factor to any voltage rating will get you by nicely. So figger 480 X 1.414 X 2 = 1360 volts. Just keep in mind that flames will reduce the voltage breakdown capability of any capacitor ...., heh, heh!

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Date: Fri, 23 Mar 2001 14:46:08 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: BOATANCHORS digest 3130
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200103231446_MC2-C9DF-CCED@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Message text written by Old Tube Radios
>8 1/2 inch tall by 7 inch weatherproof enclosure with 3 conduit goesouta=
s=3D
<

What's the other dimension? What color is the enclosure?

Robert Downs
<RWDowns_WA5CAB@compuserve.com>
Houston

From: n6nae@ix.netcom.com
Date: Fri, 23 Mar 2001 14:47:40 -0500
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: 400Hz power transformers
Message-ID: <Springmail.105.985376860.0.87031400@www.springmail.com>

Hi:
I have a few 400Hz power transformers which everyone knows are
useless unless you're on a 400Hz power grid. OK, anybody got 400Hz in their
shacks? Before I dispose of them, I thought I'd offer them here for the cost of
postage. Two types, both with 115V primaries.

Plate type: Two secondaries, 1023Vct @ 110mA and 5V @ 2.2A.
Heater type: Two secondaries, 6.3V @ 3.2A and 6.3V @ 11.4A.

Richard

From: "Ed Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: 400Hz power transformers
Date: Fri, 23 Mar 2001 15:51:29 -0500
Message-ID: <LOBBJHOLOOHLIPLONIAFOEOFDNAA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wonder if these can be recycled as modulation transformers for AM rigs?
See:
http://www.thebizlink.com/am/tech/htm/tvtomod.htm
"AM Amazing Transformation by Tim Smith, WA1HLR"
which discusses the use of TV-type and plate power transformers as
modulation transformers. The 1023 V transformer will provide a
2.98:1 Z ratio,   The 6.3 V jobs, might work as driver transformers.

Worth considering before potentially good "Mod iron" is just thrown
away.

Ed VA3ES

> -----Original Message-----
> From: n6nae@ix.netcom.com
> Sent: Friday, March 23, 2001 2:48 PM
>
>... Before I dispose of them, I thought I'd
> offer them here for the cost of postage. Two types, both with
> 115V primaries.
>
> Plate type: Two secondaries, 1023Vct @ 110mA and 5V @ 2.2A.
> Heater type: Two secondaries, 6.3V @ 3.2A and 6.3V @ 11.4A.
>
> Richard
>

Message-Id: <3.0.3.32.20010323165016.00ec1c10@mindspring.com>
Date: Fri, 23 Mar 2001 16:50:16 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@mindspring.com>
Subject: Hammarlund Roberts "Hi Q"
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The Carolina Chapter of the AWA's annual meet in Charlotte NC
today yielded a very nicely made Hammarlund Roberts Hi Q today
from a friend. The notation on a small label indicates that there was
a couple of construction articles on this in the November 18 and Dec __?
1926 issues of Radio World.

Does anyone have a copy of that to confirm this?

The front panel appears to be professionally made... did Hammarlund
offer a kit?

Any information appreciated. It was a GREAT day for a meet
in NC...sunny, about 66 degrees, and lots of vendors and friends.

Best
John wb5oau/4

Clayton NC

Message-ID: <00a501c0b3e6$d702d170$6501a8c0@pii233>
From: "Chuck McGregor" <cbmcg@home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 400Hz power transformers
Date: Fri, 23 Mar 2001 14:15:59 -0800
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey -
Something doesn't seem right here. As I remember, the impedance ratio of a
transformer is the square of the turns ratio, not the square root.
This means a 1023v/ 120 v transformer would provide an impedance ratio of
72.7:1, not 2.92: 1.
Did I miss something here, or is the referenced web page a bit mixed up ??

--Chuck N7RHU

----- Original Message -----
From: "Ed Sieb" <sieb@sympatico.ca>
> I wonder if these can be recycled as modulation transformers for AM rigs?
> See:
> http://www.thebizlink.com/am/tech/htm/tvtomod.htm
> "AM Amazing Transformation by Tim Smith, WA1HLR"
> which discusses the use of TV-type and plate power transformers as
> modulation transformers. The 1023 V transformer will provide a
> 2.98:1 Z ratio,   The 6.3 V jobs, might work as driver transformers.
> >
>

From: "Ed Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: 400Hz power transformers
Date: Fri, 23 Mar 2001 17:25:43 -0500
Message-ID: <LOBBJHOLOOHLIPLONIAFAEOIDNAA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good point. Hmmmm.....

> -----Original Message-----
> From: Chuck McGregor
> Sent: Friday, March 23, 2001 5:16 PM
>
> Hey -
> Something doesn't seem right here. As I remember, the impedance
> ratio of a transformer is the square of the turns ratio, not the square
> root. This means a 1023v/ 120 v transformer would provide an
> impedance ratio of 72.7:1, not 2.92: 1.
> Did I miss something here, or is the referenced web page a bit
> mixed up ??
>
> --Chuck N7RHU
>

Message-ID: <00b601c0b3e9$c6019c00$6501a8c0@pii233>
From: "Chuck McGregor" <cbmcg@home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 400Hz power transformers
Date: Fri, 23 Mar 2001 14:36:59 -0800

MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OOps, A few minutes ago I said:
> Hey -
> Something doesn't seem right here. As I remember, the impedance ratio of
a
> transformer is the square of the turns ratio, not the square root.
> This means a 1023v/ 120 v transformer would provide an impedance ratio of
> 72.7:1, not 2.92: 1.
> Did I miss something here, or is the referenced web page a bit mixed up ??

Yes, I did miss that they were using the transformer in an autotransformer
configuration, sharing half of the primary with the final,.   For
plate-plate mod tubes to final ratio I get 3.2:1 for the autotransformer
configuration using a 1023/120v transformer.

--Chuck N7RHU
>
>
> ----- Original Message -----
> From: "Ed Sieb" <sieb@sympatico.ca>
> > I wonder if these can be recycled as modulation transformers for AM
rigs?
> > See:
> > http://www.thebizlink.com/am/tech/htm/tvtomod.htm
> > "AM Amazing Transformation by Tim Smith, WA1HLR"
> > which discusses the use of TV-type and plate power transformers as
> > modulation transformers. The 1023 V transformer will provide a
> > 2.98:1 Z ratio,   The 6.3 V jobs, might work as driver transformers.

Message-ID: <002101c0b3f0$4a45b860$0d2696d1@thecave>
From: "Larry Bearse" <lbearse@mail1.nai.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BA haunts in or near Salem, MA?
Date: Fri, 23 Mar 2001 18:23:33 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

    I will be doing some work soon in Marblehead, MA which is next to Salem,
Northeast of Boston. Any good radio type places to visit up there? Maybe
museum ships even?

73......Larry WA1LGQ

From: "Ed Tanton" <n4xy@att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Boatanchors-Tempe" <BOATANCHORS@LISTSERV.TEMPE.GOV>,
   "Boatanchors Reflector-Jack" <boatanchors@theporch.com>
Subject: National FSNs
Date: Fri, 23 Mar 2001 19:55:39 -0500
Message-ID: <CKEGICNFDIMCEKEDCEHFGEFIGIAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have finally gotten the National FSNs into my webpage. Go to Boatanchors, then Receivers, then National. If any of you have FSNs that are not shown, please consider scanning them with AT LEAST 600dpi resolution, and emailing them to me as JPGs. I obtained most of these through the courtesy of Garey - K4OAH. Many thanks Garey!!!

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA   GACW   QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057
R-390: Motorola SN: 374
R-390-A: Capehart SN: 2241

From: arc5@ix.netcom.com
Date: Fri, 23 Mar 2001 20:20:24 -0500
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Historic Group Needed Connectors.
Message-ID: <Springmail.105.985396824.0.84781000@www.springmail.com>

Please accept my thanks to the several of you
that took the time and effort to help Mr. Long
with the Korean-era
Mosquito Forward Air Controller Jeep project.
Your help ensures an important and little-known

history will be preserved.

Kind regards,
Dave S.

Date: Fri, 23 Mar 2001 18:12:10 -0800
From: Dan <hankarn@pacbell.net>
Subject: Re: {Collins} Re: [R-390] REF: R-39XX MC & KC knobs & R-391 Pins
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <3ABC027A.65CF7D76@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Sorry for the BW but several people say they did not receive this post
with the amounts and send too address. About 4 of the above people have
sent funds and have heard nothing from the others as far as firming up
the orders.

Bill S. would you respond to verify this is making it out.
Thanks,
Hank
KN6DI CBA works just fine.

Message-ID: <3ABC0A43.1406E505@socal.rr.com>
Date: Fri, 23 Mar 2001 18:45:23 -0800
From: matt parkinson <mparkinson1@socal.rr.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: {Collins} Re: [R-390] REF: R-39XX MC & KC knobs & R-391 Pins
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well your message made it out here in southern Ca. Just where are you
located.
Near Nolens town and are you to watching squirrels too.

Dan wrote:

> Sorry for the BW but several people say they did not receive this post
> with the amounts and send too address. About 4 of the above people have
> sent funds and have heard nothing from the others as far as firming up
> the orders.
>
> Bill S. would you respond to verify this is making it out.

> Thanks,
> Hank
> KN6DI CBA works just fine.

Message-Id: <4.3.1.1.20010324111911.00ddb8f0@192.168.0.134>
Date: Sat, 24 Mar 2001 11:24:26 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Chuck Swiger <cswiger@widomaker.com>
Subject: Comics
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang -

I just got a few issues of "Electronics Illustrated" circa 1969/70, and have scanned and posted a few old tube radio / ham related comics from the "Over & Out" page. Anyone interested can tune their browser to:

http://www.widomaker.com/~cswiger/overout/

Chuck
kb4new
cswiger@widomaker.com

Date: Sat, 24 Mar 2001 14:45:06 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200103241945.OAA11803@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TV Service

Anyone have a suspected charge to revive a 1950 electrostatic-tube TV like a Moto or a Halli?

I've a pal here that has an estimate in hand for the service that starts with electrolytic replacement, the kind that entails re-stuffing the cans. Nice text with estimate noting this & other shotguns are only "professional avenue."

Priced with & w/o a hv oscillator xfrmr. Everything predicated on good CRT that'd graciously be tested 1st.

AND has anyone ever seen a 8BP4 `9"' electrostatic CRT. This's my 1st.

Noted electrolytic tic was a 'stiff' & told him to wither away from that - we pulled a tube in each filament string, seriesed a 25W bubb w.

line, & the thing went out after 15 min.s

So much for $xxx filter charge.

So I'd like to compare notes.

Thanks,

  Marty

Date: Sat, 24 Mar 2001 14:49:46 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200103241949.OAA11813@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: New CodeBreakers-style book

Haven't it's 2001 release title, but kinda mathy since author degreed
in applied math from big-name school - not devry

So I've a question

Maybe a riddle

Anyone know what

  "Not for wit"

means?

Ben Nock step forward.

  M

Message-ID: <3ABD003B.4080109@mr.net>
Date: Sat, 24 Mar 2001 14:14:51 -0600
From: Robert Kemp <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Excess "Stuff"
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Have some items to dispose of:
Heathkit HP-23A/B/C power supply cover $15. plus shipping
D104 Mike $30.00 plus shipping (not amplified)

Heathkit signal tracer $15.00 plus shipping
Bob.

Message-ID: <3ABD0987.8098B20D@crosslink.net>
Date: Sat, 24 Mar 2001 15:54:31 -0500
From: Gordon White <gewhite@crosslink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: introducing myself
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am Gordon Eliot White. I wrote the CQ SURPLUS SIDELIGHTS column, 1965-76 as well as a few pieces for 73 and one for the AOPA Pilot Magazine in 1984 on primarily WW II surplus. My chief interest was the "Command Set" Aircraft Radio Corp. AN/ARC-5 equipment and its brothers and sisters and SCR-274-N aircraft gear and its predecessor GF/RU and SCR-183/283.

As surplus petered out I moved away from the subject. I donated many of my 4,000 pieces of equipment to the National Air & Space Museum in 1983 and when A.R.C. was sold to Sperry in 1984, helped get the best things that were left into NASM also.

In recent months, thanks to the magic of the Internet and Dave Stinson, my interest has been been rejuvenated. I am still primarily interested in the Command Sets.

I am looking among the Internet people for history that has eluded me in the hopes of writing a book on the subject, working title "Voices in the Sky" covering roughly 1900-1972 with emphasis on the WW II Command Sets. Anyone who has contacts at Cessna or Sperry could help! [As I have published two successful books on auto racing history and have a third in progress I have a track record with publishers and might make this happen.]

The ARC-5 guys have been interested in some of my rarer "jewels" as I have pared down my last pieces of hardware. Because it gives everyone the same chance and is easy to administer, I have put some stuff on eBay. I will not "spam" this net, but for those interested,. most of what I have offered is under "Command sets" or "AN/ARC-5." I have just put up one of the extremely rare "RAV" receivers there, item 1126958553.

Will appreciate your input on Command Sets and their associated history. I will be happy to help answer questions on the Command Sets for this net as I have for the ARC5 net. I have most of the Command Set TMs going back to 1932.

Thanks,

Gordon Eliot White, Historian, Smithsonian Institution

From: JONWEINER@aol.com
Message-ID: <10.a99d896.27ee6c98@aol.com>
Date: Sat, 24 Mar 2001 16:33:12 EST
Subject: FS: National HRO-50T
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have for sale a very nice National HRO-50 table model, complete with the A, B, C, & D coilsets and correct dial drum strips. All correct knobs, no modifications or extra holes. Includes original Sam's manual. Complete and in very good condition. Only missing the inner numbers ring on the dial. Price $325. plus shipping or pickup at Greenville, SC.

Jon, K1VVC

Date: Sun, 25 Mar 2001 07:52:02 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: British Navy Key FS
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200103250752_MC2-CA0A-783D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

British Navy key, large up/down, adjustable =

gap control, provision for rx/tx switch via front mounted switch, heavy, solid, super action. Bright steel case. =

60.00 Pound sterling. =

plus pp/ins

BN.

Date: Sun, 25 Mar 2001 07:07:00 -0800
Subject: Re: Best power supply reference?
From: Fred Powell <powellf@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <B6E34994.C99%powellf@earthlink.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Arden and Boatanchorites,
I'm putting together an AC supply for my GRC-9 and possibly other projects, mostly out of the junkbox. I need to figure out what design to use to get me 580 VDC @ 100 mA, 105 VDC @ 45 mA, 6.3VDC @ 2600 mA, and 1.4 VDC @ 500 mA.
Might design in excess capacity for some future HB transmitter projects.
Probably use SS rectification and regulation, but I have some 5T4, 5Z3 tubes around as well.
I've got a transformer that's good for 525-425-0-425-525 @ 250 mA plus 5 volt and and a couple of 6.3 volt windings @ 2-3 A each.
Two chokes, half a dozen 30 uF, 1100 VDC caps, etc.

Maybe a full wave rectifier and capacitor input filter to the 525 windings CT? Or use the 425 windings w/o CT and a bridge rectifier and choke input?
How much C or I? Resistance divider for the 105 VDC? Or from a separate supply? Where does the 1.4 VDC come out?

That kind of thing
thanks
Fred

> From: Arden Allen <gumbear@pacbell.net>
> Date: Thu, 22 Mar 2001 19:51:36 -0800
> To: Old Tube Radios <boatanchors@theporch.com>, powellf@earthlink.net
> Subject: Re: Best power supply reference?
>
> Fred;
>
> Depends on what you want to know. It's not all in one book although
> Radiotron 4th is comprehensive. Whatcha workin' on?
>
> Arden Allen   KB6NAX   Vallejo, CA   gumbear@pacbell.net

Message-ID: <3ABE13AC.6777E14E@crosslink.net>
Date: Sun, 25 Mar 2001 10:50:04 -0500
From: Gordon White <gewhite@crosslink.net>

MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors <boatanchors@theporch.com>, Dave Stinson <arc5@ix.netcom.com>,
   David Jackson <david.l.jackson@exgate.tek.com>
Subject: ARC-5 stuff
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

   I have been asked for some data on the AN/ARC-5 type sets including
the RAV receivers. I am posting some URLs on them. And of course the
eBay address for the receiver I am selling.

http://www.crosslink.net/~gewhite/TypeKprint.jpg
Type K aircraft system, 1938

http://www.crosslink.net/~gewhite/kreceivers.jpg
Type K receiver control panel

http://www.crosslink.net/~gewhite/ktransmitters.jpg
Type K transmitter control panel

http://www.crosslink.net/~gewhite/switchpanel.jpg
AN/ARC-5 & RAV receiver control adapter

http://www.crosslink.net/~gewhite/raj.jpg
RAJ unit id tag

http://www.crosslink.net/~gewhite/vhfconnectors.jpg
AN/ARC-5 tunable vhf connectors

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1126958553

                                    - Gordon White

Message-ID: <3ABE15F6.F9B08C22@crosslink.net>
Date: Sun, 25 Mar 2001 10:59:50 -0500
From: Gordon White <gewhite@crosslink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ARC-5 stuff
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

sorry, messed up the RAJ url: make it:

http://www.crosswlink.net/~gewhite/rajtag.jpg

Message-ID: <3ABE187A.3D9BC17@crosslink.net>
Date: Sun, 25 Mar 2001 11:10:34 -0500
From: Gordon White <gewhite@crosslink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ARC-5 stuff
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

trying the RAJ url again:

http://www.crosslink.net/~gewhite/RAJtag.jpg

Message-ID: <3ABE1FD1.2EF7D37B@crosslink.net>
Date: Sun, 25 Mar 2001 11:41:54 -0500
From: Gordon White <gewhite@crosslink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: ARC5 <arc5@qth.net>
Subject: Re: ARC-5 stuff
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

By request, the RAV receiver i d plate:

http://www.crosslink.net/~gewhite/RAVTAG4

- Gordon White

End of BOATANCHORS Digest 3131
****